

VIBREX refiner disc monitoring

Condition Monitoring ◀

Valid starting: immediately

Direct enquiries to: Fax: +49(0)89/99616-300, Ms. Brandmeir
eMail: andrea.brandmeir@pruftechnik.com

1 VIBREX Monitor extends refiner disc life
2 Precise adjustment of refiner discs is critical to
3 product quality and to uninterrupted production.
4 The modular VIBREX system by PRÜFTECHNIK AG acts
5 as the 'missing link' to complement traditional
6 adjustment methods (such as monitoring motor cur-
7 rent) and extends disc life at the same time by
8 preventing damage from rubbing. The new system
9 provides low-cost monitoring and automated control
10 for one or two locations on other critical equip-
11 ment as well; its multifunction standard sensor
12 cuts hardware and installation costs by measuring
13 high-frequency signals from refiner disc rubbing,
14 anti-friction bearing shock pulse signals and
15 machine vibration (ISO standard) at the same time.
16 4-20mA output signal and quick-acting relays let
17 PLC/PCS systems control disc spacing immediately,
18 continuously and automatically during operation.
19 Separately-adjustable warning and alarm limits
20 allow separate actions - such as warning signals
21 followed by automatic machine shutoff - with sepa-
22 rate LED indicators and an adjustable delay to
23 prevent false alarms. Evaluation modules are con-
24 tained in an IP65 industrial housing; modules are
25 also available expressly for anti-friction bear-
26 ings and low-speed machines; LEDs show short cir-
27 cuits, broken connections and power status. The
28 AC/DC-powered system includes sensors, cable,
29 mounting accessories and instructions for quick

Press release

VIBREX® is a registered trademark of PRÜFTECHNIK AG

10 20 30 40 50

Ein Unternehmen der PRÜFTECHNIK-Gruppe

PRÜFTECHNIK
Condition Monitoring GmbH
Oskar-Messter-Straße 19-21
D-85737 Ismaning

Telefon: 089-99616-0
Telefax: 089-99616-200
eMail: info@pruftechnik.com
www.pruftechnik.com

Sitz Ismaning / HR München HRA 74870, persönlich
haftende Gesellschafterin: Lettershop Organisations
GmbH, Sitz Ismaning / HR München HRB 66195
Geschäftsführer: Johann Lös!

Commerzbank, München
Konto: 2112548
(BLZ: 700 400 41)
V.A.T.: DE203077013

Press release

30 installation - perfect for original equipment
31 delivery or for afterfitting on site.

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PRÜFTECHNIK Dieter Busch
Condition Monitoring GmbH & Co. KG
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D-85737 Ismaning

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VIBREX press photo



Press release

VIBREX: Cost-effective local monitoring of refiner disc condition

A high resolution file is available from PRÜFTECHNIK webpage :

www.pruftechnik.com/vibrex.jpg

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